

## CA-NV AWWA Water Loss Technical Assistance Program

### Wave 4 Water Audit Level 1 Validation Document

#### Audit Information:

Utility: City of EL Segundo      PWS ID: 1910040  
System Type: Potable      Audit Period: Calendar 2019  
Utility Representation: Luci Cummings (Administrative Technical Specialist)  
Validation Date: 3/9/2020      Call Time: 11am      Sufficient Supporting Documents Provided: Yes

#### Validation Findings & Confirmation Statement:

##### Key Audit Metrics:

Data Validity Score: 73      Data Validity Band (Level): Band IV  
ILI: 0.16      Real Loss: 2.27 (gal/conn/day)      Apparent Loss: 1.17 (gal/conn/day)  
Non-revenue water as percent of cost of operating system: 0.2%

##### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

#### Validator Information:

Water Audit Validator: Tanmay Thakur Validator Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Validator Provided

**Water Supplier Name:** City of El Segundo.

**Water Supplier ID Number:** 1910040

**Water Audit Period:** Calendar 2019

**Water Audit & Water Loss Improvement Steps:**

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

1. Customer meter testing was done on meters with varying size and age. Inaccuracy test results were properly documented and calculated.
2. GIS system implemented and mainlines updated with latest As-builts.

**Certification Statement by Utility Executive:**

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Executive Position

Signature

Date

Ken Berkman

Director of Public Works

Anthony Esparza

  
for:

8/25/21

Water Division Supervisor for Ken Berkman